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<b>Notice of Allowability</b>	Application No.	Applicant(s)	
	09/232,749	CROUCH ET AL.	
	Examiner	Art Unit	
	PHUC H. TRAN	2616	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 6/16/06.
2. ☒ The allowed claim(s) is/are 1-3,5,6,4,7-9,11-18 now renumbered as 1-17 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>9-25-06</u>.</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## DETAILED ACTION

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Greg H. Leitich (Reg. No. 39745) on 09/21/06.

The application has been amended as follows:

- Cancel claim 10.

- Claims:

**1. (Currently Amendment)** A telecommunications system, comprising:

a packet switching network;

one or more telephony devices couples to said packet switched network, ~~said one or more telephony devices being configured to request a forward on busy function;~~ and

a queues server implement one or more queues, coupled to said packet switched network, said one or more queues configured with network aliases and to receive forwarded calls from said one or more telephony devices responsive to a request from said one or more telephony devices and ~~said forward on busy request~~ and to forward said calls back to said one or more telephony devices when one or more predetermined conditions have been met, ~~as determined by said queue server;~~

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wherein said one or more queues define callable network entities that may receive calls from other network devices from said one or more telephony devices to forward said calls thereto; and

wherein said one or more telephony devices define client endpoints adapted to forward said calls to said one or more queues;

wherein queuing to said one or more queues is implemented as a network callable function;

wherein said telephony device is a hunt group proxy and said hunt group proxy process the first call by searching for an available hunt group member.

**7. (Currently Amended)** A method for processing calls in a telecommunication system, said method comprising:

receiving a first call at a telephony device on a network, ~~said telephony device being configured to request a forward on busy function;~~

receiving a second call at said telephony device while said first call is being processed;

transferring said second call to a queue configured with a network alias responsive to a request by said telephony device ~~and implementing said forward on busy function,~~ said queue being definable as a callable network device that may receive calls from other network devices on said network; and

transferring said second call back to said telephony device after a predetermined condition is met;

wherein said telephony device comprises a client endpoint and is adapted to request a call transfer to said queue;

wherein queuing to said queue is implemented as a network callable function;

wherein said telephony device is a hunt group proxy and said hunt group proxy process the first call by searching for an available hunt group member.

**13. (Currently Amended)** A system for processing calls in a telecommunications network, comprising:

one or more first callable network entities coupled to said telecommunications network, ~~said one or more first callable network entities being configured to request a forward on busy function;~~ and

one or more second callable network entities that may receive calls from other network devices coupled to said telecommunications network, wherein said one or more second callable network entities are defined as queues configured with network aliases for temporary holding of calls for said one or more first callable network entities while said one or more first callable network entities are processing other calls responsive to a request from said one or more first callable network entities, wherein said one or more first callable network entities are configured to forward said calls to said one or more second callable network entities while said one or more first callable network entities are busy;

wherein queuing to said queue is implemented as a network callable function;

wherein said callable network entity is a hunt group proxy and said hunt group proxy process the first call by searching for an available hunt group member.

**15. (Currently Amended)** A system for processing calls in a telecommunications network, comprising;

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one or more first callable entities coupled to said telecommunications network: and

one or more second callable entities that may receive calls from other network devices coupled to said telecommunications network, wherein said one or more second callable entities are defined as queues configured with network aliases for temporary holding of calls for said one or more first callable entities while said one or more first callable entities are processing other calls;

wherein said one or more first and second callable entities are H.323 compliant: and

wherein said one or more first callable entities are configured to request a forward of said calls to said one or more second callable entities while said one or more first callable entities are busy;

wherein queuing to said queue is implemented as a network callable function;

wherein said callable network entity is a hunt group proxy and said hunt group proxy process the first call by searching for an available hunt group member.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUC H. TRAN whose telephone number is (571) 272-3172. The examiner can normally be reached on M-F (8-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, CHI PHAM can be reached on (571) 272-3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Phuc Tran  
Assistant Examiner  
Art Unit 2616

P.t  
9/25/06



CHI PHAM  
SUPERVISORY PATENT EXAMINER

9/30/06